AMENDMENTS TO THE CLAIMS

The claims have been amended as follows:

1. (Currently Amended) A router apparatus comprising:

a transfer rate measurement unit for determining a transfer rate at a time of receiving IP packets;

an IP packet identification unit for identifying IP packets that are burstly transmitted to said router apparatus based on both a protocol for a transport layer, which is applied to received IP packets, and a~~said~~ transfer rate at ~~a~~the time of receiving IP packets~~,~~:

wherein each received IP packets is assigned a priority based on an amount of data stored in a statistical information storage field which stores statistical information of a target session and the transfer rate of each received IP packets and for disabling a transfer of received IP packets that are determined to be burstly transmitted to said router apparatus according to said priority~~; and a transfer rate measurement unit for determining said transfer rate~~, and

wherein the statistical information storage field includes a~~n~~a already-processed indicating flag region which indicates whether the router apparatus has discarded the burstly transmitted received IP packets associated with the target session.

2. (Original) The router apparatus according to Claim 1, wherein in a case of receiving IP packets to which TCP is applied as the protocol for the transport layer, said IP packet identification unit discards said IP packets so as to cause a terminal that is a sending source of said IP packets to adjust the transfer rate to a predetermined value or below when the transfer rate at the time of receiving said IP packets exceeds the predetermined value.

3. (Original) The router apparatus according to Claim 1, wherein in a case of receiving IP packets to which UDP is applied as the protocol for the transport layer, said IP packet identification unit discards all IP packets associated with an identical session when the transfer rate at the time of receiving said IP packets exceeds a predetermined value.

4. (Original)   The router apparatus according to Claim 1, wherein said IP packet identification unit transfers IP packets to which RTP is applied as the protocol for the transport layer on a priority basis, and disables a transfer of IP packets to which other protocols are applied.

5. (Original)   The router apparatus according to Claim 1, wherein said transfer rate measurement unit calculates the transfer rate only for sessions in which a time required for reception of preceding IP packets does not exceed a predetermined time.

6. (Original)   The router apparatus according to Claim 2, wherein said transfer rate measurement unit dynamically sets the predetermined value based on a number of sessions stored in said router apparatus.

7. (Original)   The router apparatus according to Claim 2, wherein said transfer rate measurement unit dynamically sets the predetermined value according to an amount of transferred data stored in said router apparatus

8. (Currently Amended)   A method for disabling burst transmission to a router apparatus, comprising:

determining a transfer rate at a time of receiving IP packets;

identifying IP packets that are burstly transmitted to said router apparatus based on both a protocol for a transport layer, which is applied to received IP packets, and a said transfer rate at a the time of receiving IP packets;

assigning each received IP packets a priority based on an amount of data stored in a statistical information storage field which stores statistical information of a target session and the transfer rate of each received IP packets; and

disabling a transfer of received IP packets that are determined to be burstly transmitted to said router apparatus according to said priority,

wherein the statistical information storage field includes a an already-processed

indicating flag region which indicates whether the router apparatus has discarded the burstly transmitted received IP packets associated with the target session.

9. (Previously Presented)   The method according to Claim 8, wherein in a case of receiving IP packets to which TCP is applied as the protocol for the transport layer, discarding said IP packets so as to cause a terminal that is a sending source of said IP packets to adjust the transfer rate to a predetermined value or below when the transfer rate at the time of receiving said IP packets exceeds the predetermined value.

10. (Previously Presented)   The method according to Claim 8, wherein in a case of receiving IP packets to which UDP is applied as the protocol for the transport layer, discarding all IP packets associated with an identical session when the transfer rate at the time of receiving said IP packets exceeds a predetermined value.

11. (Previously Presented) The method according to Claim 8, further comprising:

transferring IP packets to which RTP is applied as the protocol for the transport layer on a priority basis; and

disabling a transfer of IP packets to which other protocols are applied.

12. (Previously Presented) The method according to Claim 8, further comprising:

calculating the transfer rate only for sessions in which a time required for reception of preceding IP packets does not exceed a predetermined time.

13. (Previously Presented) The method according to Claim 9, further comprising:

dynamically setting the predetermined value based on a number of sessions stored in said router apparatus.

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14. (Previously Presented) The method according to Claim 9, further comprising:

dynamically setting the predetermined value according to an amount of transferred data stored in said router apparatus.

15. (New) The router apparatus according to Claim 1, wherein the statistical information storage field includes a real-time average transfer rate storage region storing a data transfer rate per unit time calculated by the transfer rate measurement unit and a total average transfer rate storage region storing a total average data transfer rate that is an average of data transfer rates that have been measured since the start of the target session.

16. (New) The router apparatus according to Claim 15, wherein the statistical information storage field includes a region-allocated-time time stamp storage region recording a time when a first IP packet associated with the target session is received by the router apparatus and based on the identification of burstly transmitted packets, calculating the total average transfer rate by dividing the amount of data which have been transferred since the reception of the first IP packet by a time that has elapsed from the time recorded in said region-allocated-time time stamp storage region to a current time.

17. (New) The method according to Claim 8, wherein the statistical information storage field includes a real-time average transfer rate storage region storing a data transfer rate per unit time calculated by the transfer rate determining step and a total average transfer rate storage region storing a total average data transfer rate that is an average of data transfer rates that have been measured since the start of the target session.

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18. (New) The method according to Claim 17, wherein the statistical information storage field includes a region-allocated-time time stamp storage region recording a time when a first IP packet associated with the target session is received by the router apparatus and based on the identification of burstly transmitted packets, calculating a total average transfer rate by dividing the amount of data which have been transferred since the reception of the first IP packet by a time that has elapsed from the time recorded in said region-allocated-time time stamp storage region to a current time.

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